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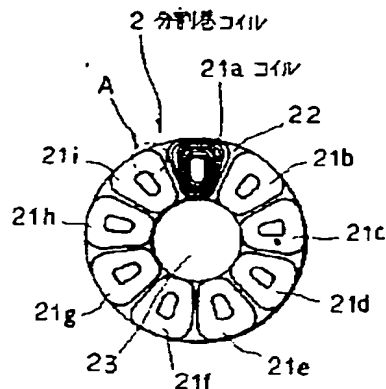
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APPLICANT : SHARP CORP;

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TITLE : BRUSHLESS MOTOR



ABSTRACT : PURPOSE: To enhance motor efficiency by aligning a part of coil with the radial direction of a rotary shaft thereby directing the electromagnetic force in the circumferential direction in a brushless motor.

CONSTITUTION: In a part winding coil 2, a central hole 23 is made through a substrate 22 comprising an epoxy resin disc having same diameter as a cylindrical body and nine coils 21a-21i are patterned and properly wired, with predetermined angular intervals, on the substrate 22 around the hole 23. The coils 21a-21i have spiral pattern lines and a part thereof, extending from the inside to the outside(or from the outside to the inside), is aligned with the radial direction while furthermore the width of the pattern line is set large at a part.

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